

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NOVEL PURINE INHIBITORS OF FRUCTOSE 1,6-BISPHOSPHATASE which

is attached hereto.

XX was filed on March 6, 1998 as Application Serial No. 09/036,327 and was amended

on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>60/040,623</u>	<u>March 7, 1997</u>	<u>Abandoned</u>
(Application Number)	(Filing Date)	(Status -- patented, pending, abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Jessica R. Wolff, Registration No. 37,261

[X] Kindly recognize as associate attorney:

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr. Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Lawrence R. LaPorte, Reg. No. 38,948; Robert C. Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923;

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

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Inventor's signature K. Raja Reddy Date 5/5/98

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
Washington, D.C. 20231

REVOCATION AND GRANT OF POWER OF ATTORNEY

Dear Sir:

As representative of the assignee of record of an entire interest in the identified applications attached hereto as Appendix A, all Powers of Attorney heretofore granted therein are revoked, and the undersigned hereby appoints as attorney for assignee therein, with full power of substitution and revocation, to prosecute the listed applications and to transact all business in the Patent and Trademark Office connected therewith, John M. Benassi, Reg. No. 27,483; Bradford J. Duft, Reg. No. 32,219; Jeffrey W. Guise, Reg. No. 34,613; Stephen S. Korniczky, Reg. No. 34,853; Edward Kreusser, Reg. No. 38,523; Alex Mahaney, Reg. No. 37,668; Lisa McGeehan, Reg. No. 41,185; Peter R. Munson, Reg. No. 43,821; Douglas C. Murdock, Reg. No. 37,549; Vicki Norton, Reg. No. 40,745; Douglas E. Olson, Reg. No. 22,798; Richard H. Pagliery, Reg. No. 44,276; Andrew D. Skale, Reg. No. 44,338; Franklin D. Ubell, Reg. No. 27,009; Anatoly Weiser, Reg. No. 43,229; Jonathan L. Petit, Reg. No. 40,770; Peter D. Weinstein, Reg. No. 43,251; Richard Blaylock, Reg. No. 43,503; Alma Levy, Reg. No. 43,571; John Peterson, Reg. No. 45,894 and Jessica R. Wolff, Reg. No. 37,261 of BROBECK, PHLEGER & HARRISON LLP, 12390 El Camino Real, San Diego, California, 92130, telephone (858) 720-2500.

Please direct all future correspondence to Jessica R. Wolff, Esq., BROBECK, PHLEGER & HARRISON LLP, 12390 El Camino Real, San Diego, California, 92130.

METABASIS THERAPEUTICS, INC.

Dated: 6/5/01

By: *Jm V. L.*

as Representative for Metabasis
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Appendix A

SERIAL NO. (PATENT NO.)	FILE DATE	NEW DOCKET NO.	OLD DOCKET NO.
09/801,933	March 7, 2001	030727.0042.CIP1	
09/036,327	March 6, 1998	030727.0014.CPA	
09/479,384	January 5, 2000	030727.0011.DIV1	
09/392,352	September 8, 1999	030727.0027.CIP2	245/080
09/263,976	March 5, 1999	030727.0027.CIP1	
09/263,607	March 5, 1999	030727.0027.UTL2	
09/389,698	September 3, 1999	030727.0010.CIP1	245/049
09/295,636	April 20, 1999	030727.0009.UTL1	242/037
09/614,891	July 12, 2000	030727.0022.CIP1	239/042
08/169,536 (5,395,970)	December 15, 1993	030727.0041.CON3	205/045
08/355,836 (5,658,889)	December 14, 1994	030727.0025.CON1	
07/301,453 (5,200,525)	January 24, 1989	030727.0040.UTL	
07/582,630 (5,187,162)	September 12, 1990	030727.0031.CIP1	
07/712,158 (5,236,908)	June 7, 1991	030727.0018.UTL	193/054
08/191,282 (5,506,347)	February 3, 1994	030727.0021.CIP1	
08/192,154 (5,731,432)	February 3, 1994	030727.0012.CIP1	
08/443,245 (5,817,640)	May 16, 1995	030727.0007.CON1	
09/036,329 (6,110,903)	March 6, 1998	030727.0032.CIP1	
09/036,328 (6,054,587)	March 6, 1998	030727.0011.CIP1	
06/079,657 (4,912,092)	July 29, 1987	030727.0023.CIP1	